

For Research Use Only

HRP-conjugated Calretinin Monoclonal antibody

Catalog Number: HRP-66496



Basic Information

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|--|--|---|
| Catalog Number: HRP-66496 | GenBank Accession Number: BC015484 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 794 | CloneNo.: 2D7A9 |
| Source: Mouse | UNIPROT ID: P22676 | Recommended Dilutions: WB 1:5000-1:20000 |
| Isotype: IgG1 | Full Name: calbindin 2 | |
| Immunogen Catalog Number: AG2924 | Calculated MW: 29 kDa | |
| | Observed MW: 29 kDa | |

Applications

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|---|---|
| Tested Applications: WB | Positive Controls: WB : mouse brain tissue, |
| Species Specificity: Human, mouse, pig, rat | |

Background Information

Calbindin 2 (calretinin), is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Calretinin is a useful marker for differentiating malignant mesothelioma from carcinomas. This antibody is HRP conjugated.

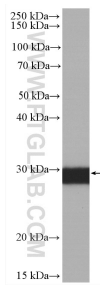
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with HRP-66496 (Calretinin antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.